

## Preface

Thank you for selecting the GE100 Blood Glucose Monitoring System. This manual provides all the information you need to operate this product for accurate test results. Please read the entire manual before you start any testing.

For people living with diabetes, it is important to regularly monitor blood glucose levels to effectively reduce complications from the disease. The easy-to-use GE100 Blood Glucose Monitoring System provides accurate, reliable results to help you better manage your diabetes.

The GE100 Blood Glucose Monitoring System is perfect for both self-testing and professional use. Designed for in vitro diagnostic use only, testing requires just a small amount of fresh capillary whole blood from either the fingertip, palm or forearm. If you have any questions regarding the GE100 Blood Glucose Monitoring System or testing procedures, contact our Customer Support staff or your healthcare professional.

The GE100 Blood Glucose Monitoring System is manufactured and supported by Bionime Corporation and its authorized representative. If you have any questions or concerns, please contact GE Diabetes Customer Support Center toll free at 1-866-613-7085 or visit our website at [www.gediabetes.com](http://www.gediabetes.com). We will make every effort to provide assistance and solutions for you.

## Preface

A Healthcare professional should be contacted when Customer Service is not available.

Please forward your warranty card to GE Diabetes Customer Support Center.  
GE Diabetes Customer Support Center  
1450 E. Spruce Street  
Bldg. B  
Ontario, CA91761, USA

## Caution

- Before using the GE100 Blood Glucose Monitoring System to test your blood glucose, please read all the instructions and conduct all the tests including the quality control test (Refer to page 36.)
- Please do the quality control test regularly to make sure the test results are accurate.
- The GE100 Blood Glucose Meter can only be used with the GE100 Blood Glucose Test Strips. Other brand strips should not be used under any circumstances. The use of other brands of strips may give inaccurate results.
- The GE100 Blood Glucose Monitoring System is intended for in vitro diagnostic use only. The testing result is calibrated to be plasma equivalent to testing with fresh capillary whole blood samples from the fingertip, palm and forearm.
- The GE100 Blood Glucose Monitoring System is intended for self-testing and professional use. It should not be used to diagnose diabetes mellitus.
- GE100 Blood Glucose Monitoring System has not been validated for use on neonates. Therefore, it's not intended for use on neonates.
- GE100 Blood Glucose Monitoring System has not been used for arterial blood testing yet, so it is not suitable to be used for arterial blood testing.
- If the GE100 Blood Glucose Meter and Test Strips are exposed to a substantial change in temperature, please wait 30 minutes before measurement.
- Follow all environmental protection regulations when disposing of batteries.
- Do not perform a blood glucose test when USB cable is connected to the Blood Glucose Meter.

## Precaution

- Avoid contact with dripping or splashing liquids.
- The minimum blood sample size to test using the GE100 Blood Glucose Monitoring System is 0.75 $\mu$ L.

Sample Size Example



A minimum of 0.75 $\mu$ L of blood is needed for testing with the GE100 Blood Glucose Monitoring System. Blood sample size above 3.0 $\mu$ L might contaminate the test strip port and the meter. Blood sample size below 0.75 $\mu$ L might cause inaccurate test result or might not start the meter. In this case, repeat the test with a new test strip.



### CAUTION

- The GE100 Blood Glucose Meter will be set to mg/dL by default when sold in the United States. When your display shows " mmol/L " during setting or test, please contact customer service. Use of the wrong unit of measure may cause incorrect treatment.

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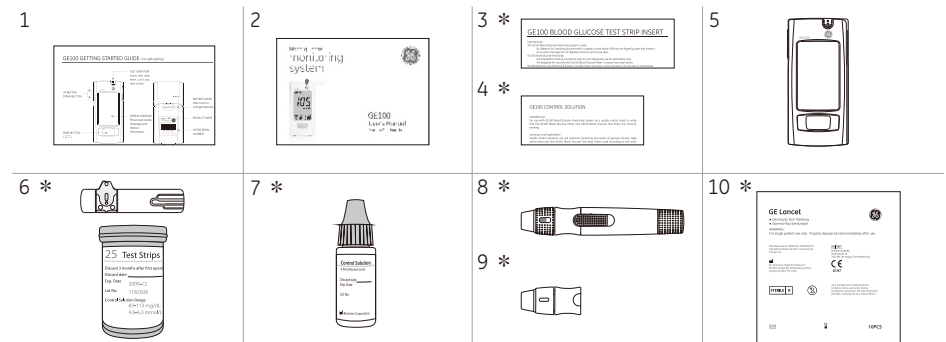
## The GE100 Blood Glucose Monitoring System

Your GE100 Blood Glucose Monitoring System consists of several items. Please identify each item, learn its name and how it is used.

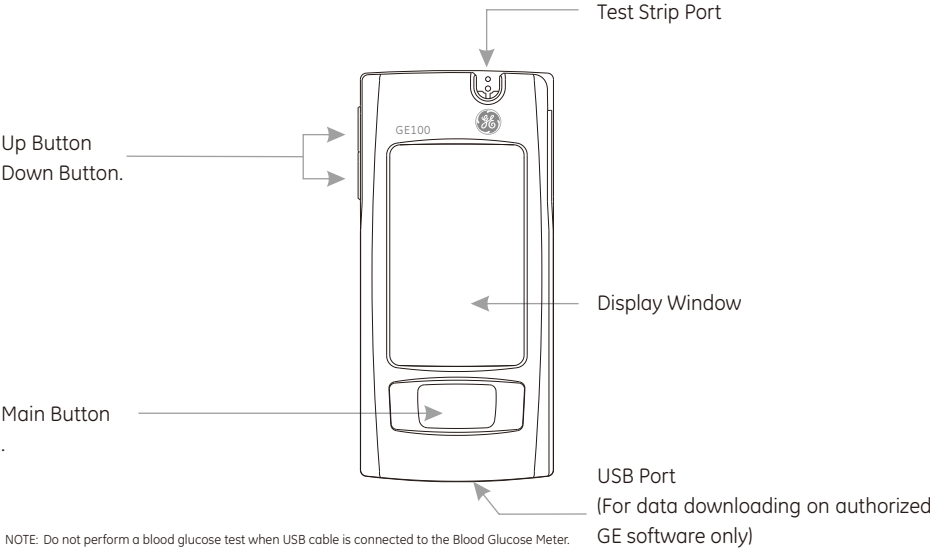
Below are the items included in your GE100 Blood Glucose Monitoring System:

1. Getting Started Guide
  2. User's Manual (includes Log Book, Warranty Card & Emergency Card)
  3. GE100 Blood Glucose Test Strip Package Insert \*
  4. GE100 Control Solution Package Insert \*
  5. GE100 Blood Glucose Meter (with 1 CR2032 batteries installed)
  6. GE100 Blood Glucose Test Strips (0/10/25 pcs) \*
  7. GE100 Control Solution \*
  8. GE Lancing Device \*
  9. Clear Cap \*
  10. Disposable Sterile Lancets (10 pcs) \*
  11. Carrying Case (not shown) \*
  12. Instructions For The Lancing Device (not shown) \*
- (\* Different packages have different bundled items. Some of packages might not include \* items.)

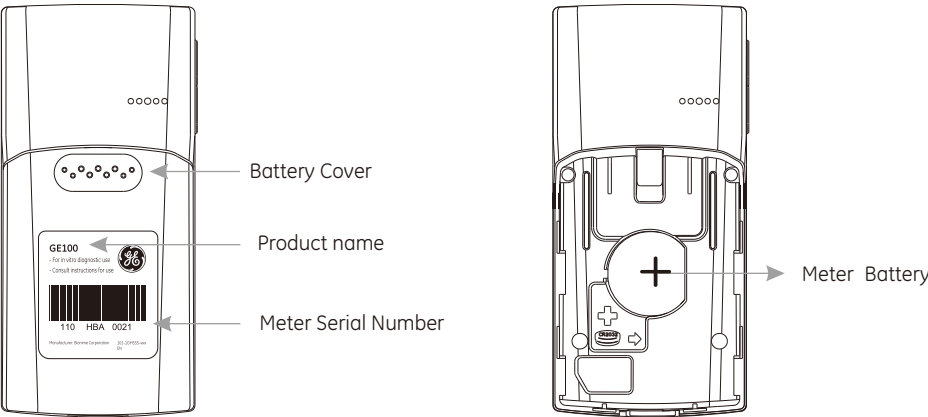
## The GE100 Blood Glucose Monitoring System



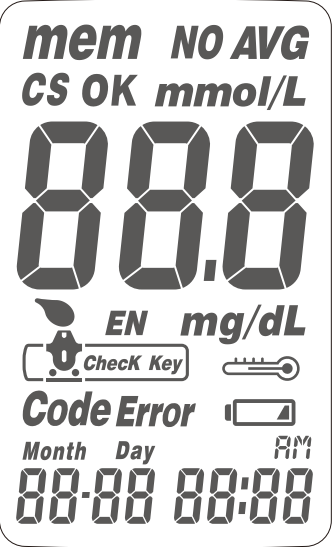
The GE100 Blood Glucose Meter



The GE100 Blood Glucose Meter



The GE100 Blood Glucose Meter

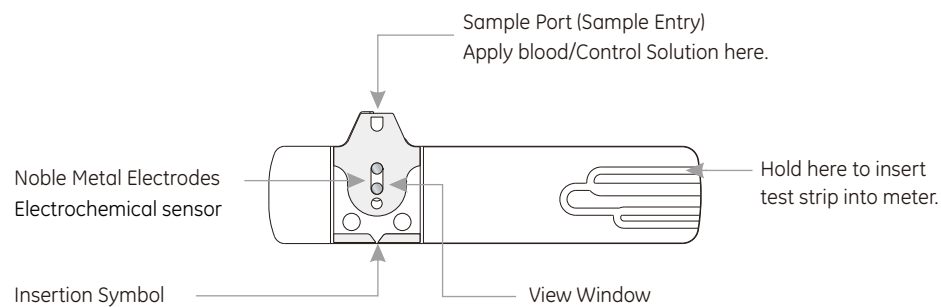


The GE100 Blood Glucose Meter

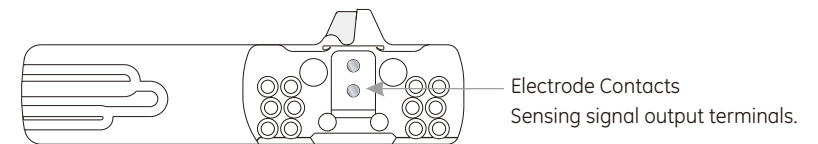
<b>mem</b>	Indicates a test result stored in memory		Indicates when to apply the blood sample
<b>NO AVG</b>	Indicates a test result not included into the Average function of this meter		Test strip
<b>AVG</b>	Indicates the average result	<b>Code Error</b>	Occurs when strip is not compatible with your meter or if a strip is inserted incorrectly.
<b>CS</b>	Indicates a control solution test result	<b>Month Day</b> <b>88-88</b>	Current date under time mode or testing date under memory mode
<b>mmol/L</b> <b>mg/dL</b>	Unit of test result		Indicates if the environmental temperature limit is exceeded during testing
<b>888</b>	Test result	<b>AM</b>	Indicates the time in 12H format
	Warns when the battery is low or must be replaced	<b>88:88</b>	Current time under time mode or testing time under memory mode
<b>OK EN Check Key</b> Manufacturing use only			

## The GE100 Blood Glucose Test Strip

The GE100 Blood Glucose Meter can only be used with the GE100 Blood Glucose Test Strips. The use of other test strips or control solutions can lead to incorrect results.



## The GE100 Blood Glucose Test Strip



### CAUTION

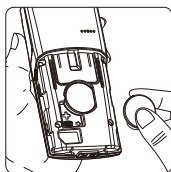
- Close the GE100 Blood Glucose Test Strip vial immediately after taking out a test strip.
- Do not reuse GE100 Blood Glucose Test Strips.
- Do not use expired GE100 Blood Glucose Test Strips.
- When you open a new vial of GE100 Test Strips, record the date on the vial.
- Discard the vial of test strips after 3 months from opening.
- Store GE100 Blood Glucose Test Strips in a cool (39-86°F or 4-30°C) and dry location (< 90% relative humidity). Do not expose to direct sunlight or heat.
- For detailed information, please refer to the GE100 Blood Glucose Test Strip Package Insert.
- If the GE100 Blood Glucose Meter and Test Strips are exposed to a substantial change in temperature, please wait 30 minutes before measurement.

## Meter Activation and Battery change

Your GE100 Blood Glucose Meter comes with one CR2032, 3volt, battery installed. One new battery will provide power to perform about 1000 tests under normal use. Press the main button or insert a strip to activate your meter.



1. Turn the GE100 Blood Glucose Meter over. Press and slide battery cover to open.



2. Install the battery. Be sure to put battery in correct direction (polarity (+) facing up).



3. Slide the battery cover back until it snaps into place.

4. The Meter will enter self-testing mode automatically when replacing the battery (all symbols will show on the screen).

5. Press any button to enter the Setting Mode.

6. You must set the time and date when replacing the battery. See Chapter "Setting Up Your Meter - Setting the Time, Volume and Date". Test results are still stored in the memory.



### CAUTION

- Please follow the local regulation and discard a used battery properly.

## Meter Activation and Battery change

You can enter Setting Mode two ways.

### 1. Replace Battery

After removing the battery, press the main button several times until there is no signal on screen, then follow the battery installation steps to replace battery. The GE100 Blood Glucose Meter performs a self-test. Press the main button to exit the self-test and enter Setting Mode.

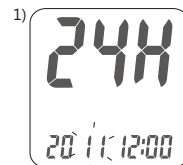
### 2. With Battery Inserted

Press the main button first to turn on the GE100 Blood Glucose Meter. Hold down the main button for 7 Seconds. During this time the screen will go blank and then after hearing a beep it will turn on into Setting Mode. The display screen will show setting data.

## Setting Up Your Meter- Setting the Time, Volume and Date

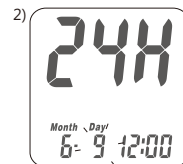
### 1. Year setting

With the year format blinking, press the Up or Down button until you see the current year. Press the Main button to confirm. Once the year is confirmed, the Month setting will appear.



### 2. Month setting

With the month blinking, press the Up or Down button until you see the current month. Press the Main button to confirm. Once the month is confirmed, the Day setting will flash.



### 3. Day setting

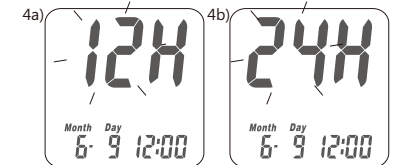
With the day blinking, press the Up or Down button until you see the current day. Press the Main button to confirm. Once the day is confirmed, the Time setting will flash.



## Setting Up Your Meter- Setting the Time, Volume and Date

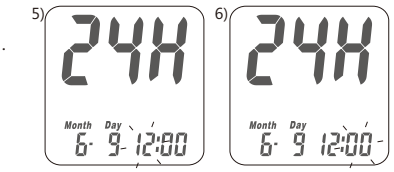
### 4. Time format 12/24H selection

With the time format blinking, press the Up or Down button to switch between 12H and 24H. Press the Main button to confirm your hour setting. Once confirmed, the hour setting will flash.



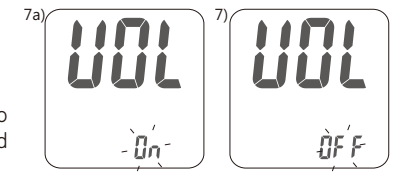
### 5. Hour setting

With the hour blinking, press the Up or Down button until you see the current hour. Press the Main button to confirm. Once the hour is confirmed, the minute setting will flash.



### 6. Minute setting

With the minute blinking, press the Up or Down button until you see the current minute. Press the Main button to confirm. Once the minute is confirmed, the volume setting will flash.



### 7. Volume setting

With the volume blinking, press the Up or Down button to turn it on or off. Press the Main button to confirm and finish the settings.

## Setting Up Your Meter- Setting the Time, Volume and Date

### 8. Ending setting

After the Volume Setting, the GE100 will return to the time screen. (If the volume has not been turned off, you will hear a beep.)



#### NOTE

- If you do no change any settings during Meter Set-up for over 2 minutes, the GE100 Blood Glucose Meter will leave setting mode and power off automatically.

## Turning On/Off the Meter

### 1. How to turn on the GE100 Blood Glucose Meter

Press the Main button or insert a test strip.

### 2. Manual Power off

If you want to turn off the GE100 Blood Glucose Meter, press and hold the Main button for 3 seconds.

### 3. Auto Power off

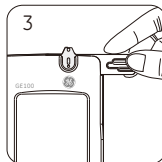
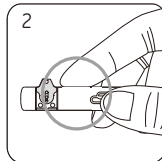
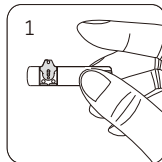
The GE100 Blood Glucose Meter will power off automatically after 2 minutes if no buttons are pressed or strip is inserted.

## Easily Handling the GE100 Test Strip

How to handle the GE100 Blood Glucose Test Strip

Inserting the GE100 Blood Glucose Test Strip:

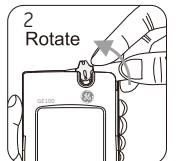
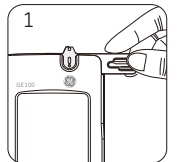
1. Hold the GE100 Blood Glucose Test Strip between your thumb and middle finger with indication symbol " " facing up.
2. Put forefinger on the side of strip as shown.
3. Insert the GE100 Blood Glucose Test Strip into test strip port until it clicks and firmly stops.



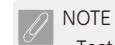
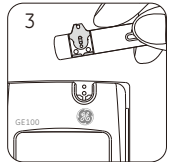
## Easily Handling the GE100 Test Strip

Removing the GE100 Blood Glucose Test Strip:

1. Hold the GE100 Blood Glucose Test Strip as shown.
2. Rotate the GE100 Blood Glucose Test Strip counterclockwise and pull up simultaneously.



3. Take the GE100 Blood Glucose Test Strip out of the test strip port. Please follow your local regulations and discard used strips properly.



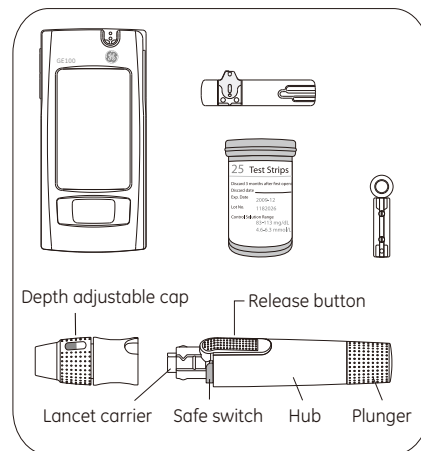
### NOTE

- Test Strip Port will not be contaminated by blood if you follow the steps correctly.

## Getting Ready for Testing

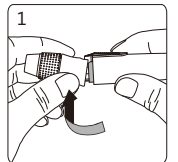
Before performing a blood glucose test, prepare the items below:

- GE100 Blood Glucose Meter
- GE100 Blood Glucose Test Strips  
(Please check expiration date of test strips. Do not use expired test strips)
- GE100 Lancing Device
- Sterile lancet
- Alcohol swab (optional)

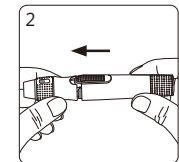


## Performing a Blood Glucose Test

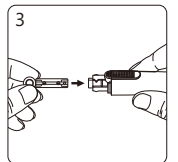
1. Hold the depth adjustable cap in one hand and hold the base with the other hand. Bend the cap down. When a gap appears between the cap and base, pull them off in opposite directions.



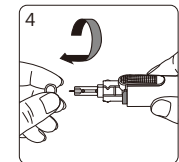
2. Pull off the depth adjustable cap.



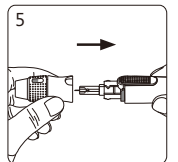
3. Insert a new disposable lancet firmly into lancet carrier.






4. Twist off and set aside the protective cover of the disposable lancet.



5. Replace the depth adjustable cap.



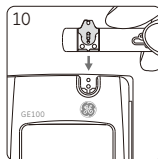
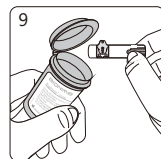
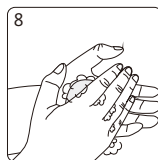
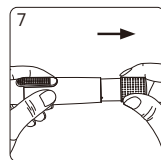
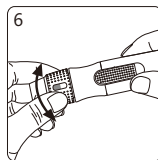
## Performing a Blood Glucose Test

6. Choose a depth of penetration by rotating the top portion of the depth adjustable cap until your desired depth setting is visible in the window. Settings are based on skin type: "  " for soft or thin skin; "  " for average skin; "  " for thick or calloused skin.
7. Hold the base in one hand and pull on the plunger with the other hand. The device will be cocked. Release the plunger and it will automatically move back to its original position near the base.
8. Wash your hands with warm soapy water and dry thoroughly.
9. Take one GE100 Blood Glucose Test Strip from the vial. Close the vial cap immediately.
10. Insert the strip into the Test Strip Port of the GE100 Blood Glucose Meter with the indication symbol facing up. The meter confirms the insertion of the strip with a beep (if volume is turned on).



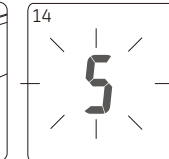
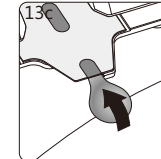
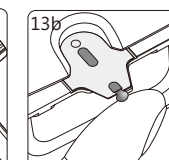
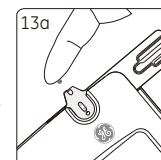
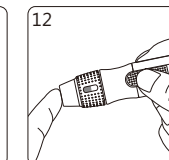
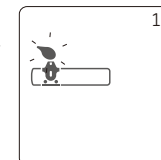
### NOTE

- The GE100 Blood Glucose Meter will automatically detect the Code number on the strip. You don't have to check the Code number on the meter display or strip vial.



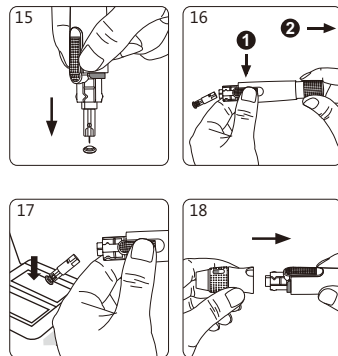
## Performing a Blood Glucose Test

11. A blood drop icon will appear on the display window and will be accompanied by a beep (if volume is turned on). Apply the blood sample within 2 minutes.
12. Place the lancing device against your fingertip and press the release button.
13. Touch and hold the drop to the edge of the sample port until you hear a "beep" (if volume is turned on) and the view window is filled with blood. If the view window is not completely filled with blood the test will not start. (Refer to page 5 for Sample Size Chart.) Discard the test strip and repeat with a new GE100 Blood Glucose Test Strip.
14. Countdown mode will begin on the display window. After 5 seconds, your test result will appear.



## Performing a Blood Glucose Test

15. Pull off the depth adjustable cap. Without touching the used disposable lancet, insert the lancet tip into the protective cover.
16. Hold the release button in one hand (see picture 16, step 1) and pull on the plunger with the other hand (see picture 16, step 2) to safely eject the used disposable lancet.
17. Discard the used disposable lancet into an appropriate puncture-proof or biohazard container.
18. Replace the depth adjustable cap after finishing the test.



### CAUTION

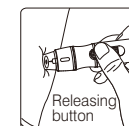
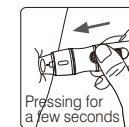
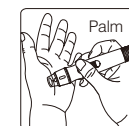
- Do not apply your blood drop to the sample port on the strip until you see the " " appear. The GE100 Blood Glucose Meter is performing an internal test and will display " " and "**Error**" if you apply blood too soon. Please repeat the test with a new GE100 Blood Glucose Test Strip.
- Record the opening date of a new GE100 Blood Glucose Test Strip vial. Discard the vial of test strips 3 months after opening.



## Alternative Site Testing

Alternative site testing: palm or forearm blood sampling

- To do the alternative site testing, install the clear cap for your GE100 Lancing Device. (For detailed information check the instruction manual for the GE Lancing Device.)
- To increase the blood flow, massage the puncture area of your palm or forearm for a few seconds.
- Immediately after massaging the puncture area, press and hold the lancing device with the clear cap against your palm or forearm.
- Press the release button.
- Continue holding the lancing device against your palm or forearm and gradually increase pressure for a few seconds until the blood sample size is sufficient. (DO NOT test on the palm or forearm if you are testing for hypoglycemia (Low blood glucose).



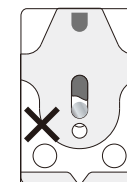
## Alternative Site Testing

### CAUTION

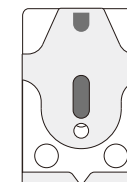
- Test results may vary if blood samples are taken from different sites or under certain conditions when glucose levels are changing rapidly such as: following a drink, a meal, an insulin dose or exercise. In these cases, only the fingertip should be used.
- DO NOT test on the palm or forearm if you are testing for hypoglycemia (Low blood glucose).
- Fingertip samples can show rapid changes in glucose faster than palm or forearm samples.
- Consult your healthcare professionals before sampling from your palm or forearm.
- Since the blood flow in the forearm is less than that in the fingertips or palm, use the clear cap with the GE Lancing Device when testing on the forearm.
- If you use the depth adjustable cap when testing on the forearm the blood sample may not be large enough for the meter.
- Periodically compare the test system to a laboratory test system that is known to be well maintained and monitored by a healthcare provider.

## View Window Appearance

Make sure your blood sample covers the whole area of the view window to get an accurate test result. An insufficient blood sample will result in an error message ("Er4"). If this occurs, repeat the test with a new test strip.



Insufficient blood sample



Enough blood sample

### CAUTION



- Check the expiration date printed on the package every time you use the strip. Do not use expired GE100 Blood Glucose Test Strips.
- Use each GE100 Blood Glucose Test Strip immediately after taking it from the vial.
- Do not reuse GE100 Blood Glucose Test Strips.
- Do not perform testing immediately after moving from one ambient temperature to another (e.g. after coming indoors from the outside). Allow 30 minutes for the temperature of the meter and the test strips to equilibrate.

## Understanding Test Results and Messages

Blood glucose test results are shown on the GE100 Blood Glucose Meter as mg/dL.

If your blood glucose result is unusually high or low, or if you question your test results, repeat the test with a new GE100 Blood Glucose Test Strip. You can also run a Quality Control Test with the GE100 Control Solutions to check your GE100 Blood Glucose Meter and Test Strip ( Refer to page 36 ). If the test result still remains unusually high or low, contact your healthcare professional immediately.

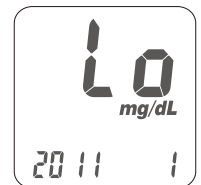
If you are experiencing symptoms that are not consistent with your blood glucose test results and you have followed all of the instructions in this manual, contact your healthcare professional immediately.

## Understanding Test Results and Messages

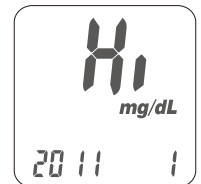
The GE100 Blood Glucose Meter displays results between 20 and 600 mg/dL.

If your test result is below 20 mg/dL, "Lo" will appear on the screen. Please repeat your test again with a new strip.

If you still get "Lo" result, you should immediately contact your healthcare professional.



If your test result is above 600 mg/dL, "Hi" will appear on the screen. Please repeat your test again with a new strip. If you still get "Hi" result, you should immediately contact your healthcare professional.

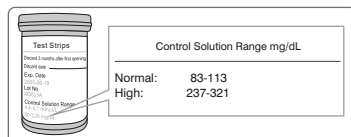


## Quality Control Test

Use normal or high level GE100 Control Solutions when testing your GE100 Blood Glucose Monitoring System in the Control Solution Mode. If the test result is within the Control Solution Range printed on the strip vial label, your GE100 Blood Glucose Monitoring System passes the Quality Control Test and your GE100 Blood Glucose Monitoring System is working correctly.

Control Solution Range:

Example of Control Solution Range printed on your test strip vial label.



When should a Quality Control Test be performed ?

- To ensure that your GE100 Blood Glucose Meter and Test Strip are working properly.
- To confirm that you are following the correct procedure.
- To prepare for your initial blood glucose test.
- To check the GE100 Blood Glucose Test Strip when you open a new vial of strips.
- To check your GE100 Blood Glucose Meter after it has been dropped, damaged or exposed to liquids.
- If you suspect that your test results are inaccurate, or if your test results are not consistent with the way you feel.

## Quality Control Test



### NOTE

- If you want to purchase new normal or high level GE100 Control Solutions, please contact customer service.

Possible reasons your Control Solution results are out of range :

- Your GE100 Control Solution is expired or was opened more than 3 months ago.
- Your GE100 Blood Glucose Test Strips have expired.
- You left the cap of the GE100 Blood Glucose Test Strip vial or the GE100 Control Solution off for a period of time.
- You didn't perform the test procedure correctly.
- Malfunction of the GE100 Blood Glucose Meter or Test Strip.

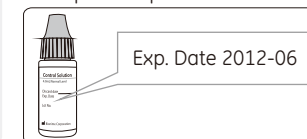
If control solution test results are out of range, your GE100 Blood Glucose Monitoring System may not be working properly. Repeat the quality control test. If your control Solution results outside the range still exist, do not, do not use the GE100 Blood Glucose Monitoring System to test your blood glucose and contact GE Diabetes Customer Support Center by calling: 1-866-613-7085.




### CAUTION

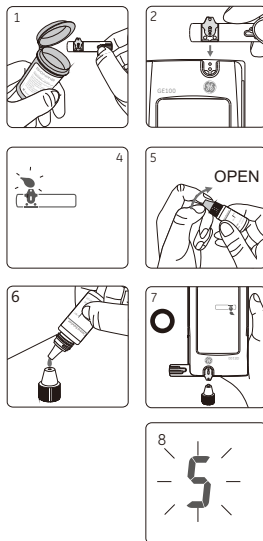
- Each time you open a new bottle of GE100 Control Solution, write the expiration date on the label. GE100 Control Solution is good for 3 months after opening the bottle, or until the expiration date printed on the label, whichever comes first.

Example of Expiration Date:



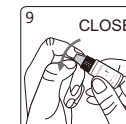
## Performing a Quality Control Test

1. Take one GE100 Blood Glucose Test Strip from the vial and close the vial cap immediately.
2. Insert the GE100 Blood Glucose Test Strip with the window facing up, into test strip port.
3. While the blood drop icon is flashing on the display window, press and hold the Main button for at least 3 seconds until the " **CS** " symbol appears.
4. You will see the blinking "  " icon and " **CS** " icon on the screen, prompting you to the apply GE100 Control Solution.
5. Shake the bottle of GE100 Control Solution well before opening the cap. Place the cap on a flat surface.
6. Place a drop of the control solution onto the top of the cap.
7. Gently touch the sample entry of the strip with the GE100 Control Solution from the top of the cap.
8. The screen will display the count time starting from 5 (you will hear a beep if the volume is turned on)





## Performing a Quality Control Test

9. Tightly replace the cap on the GE100Control Solution bottle.
10. The Control Solution result will appear. Compare your Quality Control Test result to the Control Solution Range printed on the GE100 Blood Glucose Test Strip vial label.



### CAUTION

- Your Control Solution Test results will not be included in the Average calculations, however they can still be recalled and viewed. The Control Solution Test result will be shown with " **CS** " symbol on the screen.
- Control Solution Test should be conducted between 59-104°F (15-40°C).
- Before "  " and " **CS** " appears, do not touch the GE100 Control Solution to the sample entry on the strip. The GE100 Blood Glucose Meter is performing an internal check, touching the Control Solution to the sample entry before prompted will result in an error message: " **Error** " and "  " and be accompanied by beeps (if volume is turned on).
- Don't drip the GE100 Control Solution into the sample port of the strip directly. The strip might leak into the bottle of GE100 Control Solution and may cause the degeneration of GE100 Control Solution. Doing this could also contaminate the meter via the test strip port.
- Don't touch the tip of the GE100 Control Solution bottle. If you have touched



## Recalling Test Results and Average

The GE100 Blood Glucose Meter is able to automatically store a maximum of 500 test results with time and date. If your meter has stored 500 results, the newest test result will replace the oldest one. To recall your test memory, start the meter without a test strip inserted.

1. Press the Main button to switch from the time mode to the Memory screen. You will see the "MEM" symbol in the upper left corner of the display. When you press the Down button, the latest result will be displayed. By pressing the Down button sequentially, previous test results will be shown in chronological order. You will see the sequence number in the lower right corner and the year in the lower left corner of the display followed by date and time of the measurement.



Note: The Up button is for reviewing the tests with the sequence number increasing, and the Down button is for reviewing tests with sequence number decreasing. The sequence "1" is the latest result while sequence "500" is the oldest test result.

2. To finish reviewing stored test results, press the Main button again. This will bring you to the Average screen. By pressing the Down button, the display shows "AVG" in the upper right corner of the display and the average value for the day. By pressing the Up or Down button you will get to the 1-day, 7-days, 14-days, 30-days and 90-days average of your blood glucose values. You will see the number of the calculated days in the lower left corner and the number of the calculated readings in the lower right corner.

## Recalling Test Results and Average



3. Non-Averaging set and canceled:

You may exclude unwanted or doubtful test results from the average calculation. After you finished your test in the test mode, you can exclude the unwanted result. Keep pressing the Down button until you see the symbol "NO AVG" in the top right corner of the screen. Press the Down button and the Main button simultaneously to confirm the value as "Non average". This value is flagged by the symbol "NO AVG" in the upper right corner of the screen.

To cancel a non-averaging setting, keep pressing the Down button until the "NO AVG" symbol changes to "AVG" in the upper right corner of the screen. To confirm this original status, simultaneously press the Main button to confirm the "AVG" status. The value will be stored as a regular value and included in the average values.

### NOTE

- The average function requires that the correct time and date is set. If the time and date are not set correctly, the average function will not be correct.
- The Non-averaging/re-averaging function only works in test mode and when you get a value. This action cannot be performed in MEM mode.

## Recalling Test Results and Average

4. Quick Searching: If you want to see all values automatically displayed in sequence, enter the memory mode. Press and hold the Up or Down button for 2 seconds. (Down button is for searching the latest test value to the oldest one; Up button scrolls from the oldest to the latest one). Anytime you want to stop, just release the pressed button. It will stop and display the current value. Use this to check a particular reading.
5. Most Current Test Result: Press the Main button to enter the MEM (memory) screen and review the latest test result.



### NOTE

- Control Solution Test results are not included in the Average calculations, but they can be recalled and viewed.. The Control Solution Test results will show with "CS" symbol under memory screen.



### CAUTION

- You have to set the time and date to activate the average function.
- The "Lo" and "Hi" results, the control solution results, and the test results measured when the meter was outside of its operating temperature range will not be included in the average.

## Caring for Your Meter

### Maintenance

Keep your GE100 Blood Glucose Meter and Test Strip free of dust, water or any other liquid. Store the meter in the carrying case when not in use. If meter is dropped or damaged, perform a quality control test with the control solution before doing a blood glucose test.

### Cleaning Meter

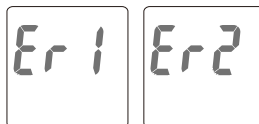
Clean the outside of the GE100 Blood Glucose Meter with a damp cloth and mild soap/detergent. Do not get the test strip port wet.

### Cleaning Test Strip Port

If your Test Strip Port is stained with blood, control solution or any liquid, please use a dry tissue or alcohol swab to clean it immediately. Do not use anything wet to clean it. Perform a quality control test to ensure that the GE100 Blood Glucose Meter is working properly.

## Error Messages and Troubleshooting

Er1 - The inserted test strip has been used or damaged. Please use a new test strip from vial.



Er2 - First, replace the battery (see page 16-Meter Activation and Battery Change). If Er2 appears after replacing the battery, perform a perform a Quality Control Test (see page 36-Performing a Quality Control Test).





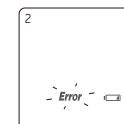
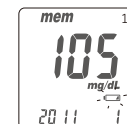
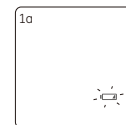
Er3 - Signal transmission is disrupted, repeat the test.

If the error messages continue after attempting to remedy, please contact GE Diabetes Customer Support Center by calling: 1-866-613-7085.

## Error Messages and Troubleshooting

### Battery Error

1. The "  " symbol blinks when the battery power is low. Please change the battery as soon as possible. You can still test.
2. The "  " and " **Error** " symbols blink when the battery is too low. Meter cannot test. Please change the battery immediately.

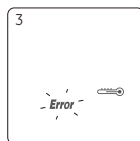
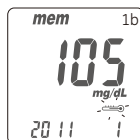
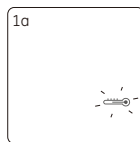


## Error Messages and Troubleshooting

### Temperature Error

In order to get an accurate test result, perform testing between 50~104°F (10~40°C).

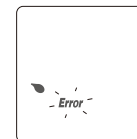
1. When the ambient temperature is 32-48°F (0-9°C) or 106-122°F (41-50°C) the " " warning symbol will blink (1a). You can still do the test but the test result may not be reliable. Tests in the memory screen this value will be flagged with " " symbol (1b). Repeat the test in an area with temperature ranges between operating range (50-104°F or 10-40°C).
2. When you move from an area with temperature outside the operating range to another area with temperature inside operating range, please wait for 30 minutes before you test.
3. When the temperature is below 32°F (0°C) or over 122°F (50°C), the GE100 Blood Glucose Meter will blink the "Error" symbol with the thermometer symbol displaying on screen.



## Error Messages and Troubleshooting

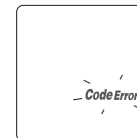
### Sampling Error

Do not apply the blood drop to the sample entry of the strip before the GE100 Blood Glucose Meter displays " ". If you do so, the meter will display " **Error** " and " " accompanied by beeps (if volume is turned on). Please discard the test strip and repeat the test with a new GE100 Blood Glucose Test Strip.



### Code Error

When a test strip is not inserted correctly, "Code Error" will flash on the screen. Please reinsert the strip following the instructions on page 26 (Performing a Blood Glucose Test). If after following the instructions, "Code Error" appears again, you may be using the wrong test strip. Please check to make sure you are using the GE 100 Test Strip



### Meter Malfunction


If the GE100 Blood Glucose Meter will not turn on, please follow the steps below:

1. Open the battery cover and remove the battery.
2. Wait for 5 minutes and reinsert the battery as described in "Meter Activation and Battery change" on page 16~17.

The GE100 Blood Glucose Meter should work normally after finishing the above steps. If not, please contact GE Diabetes Customer Support Center by calling: 1-866-613-7085.


### Limitations

- Store the GE100 Blood Glucose Test Strips in the original capped vial at temperatures between 39°F to 86°F ( 4°C to 30°C ) and relative humidity below 90%. Do not freeze.
- GE100 Blood Glucose Test Strips are designed for using with capillary whole blood samples. Do not use serum or plasma samples.
- Inaccurate test results may be obtained at altitudes greater than 10,000 feet (30048 meters) above sea level.
- Hematocrit below 30% may cause higher results, and hematocrit above 60% may cause lower results.
- Severe dehydration and excessive water loss may cause inaccurately low results.
- GE100 Blood Glucose Monitoring System has not been validated for use on neonates.
- Inaccurate test results may be obtained by abnormal concentrations of  
Uric acid  $\geq$  10.0 mg/dL, L-Dopa  $\geq$  3 mg/dL, Dopamine  $\geq$  2 mg/dL, Ascorbic acid (Vitamin C)  $\geq$  5 mg/dL

 NOTE

- Acetaminophen, Ibuprofen, Methyldopa, Salicylic Acid, Tetracycline, Tolbutamide, Bilirubin-unconjugated, Cholesterol, Creatinine, Triglyceride, Maltose, Xylose, Galactose and Lactose (when occurring in normal blood or normal therapeutic concentrations) do not significantly affect results. However, abnormally high concentrations in blood may cause inaccurate results.
- Sodium Fluoride/Potassium Oxalate at low glucose levels may result in inaccurate blood glucose reading. Sodium Fluoride/Potassium Oxalate should not be used as an anticoagulant with this device.

### Specifications

Measurement Technology	Oxidase Electrochemical Sensor
Measurement Calibration	Plasma
Sample	Capillary whole blood
Minimum Sample Volume	1.0 microliters
Measuring Range	20-600 mg/dL
Test Time	5 seconds
Memory Capacity	500 blood glucose test results with date and time
Power Saving	Turns off automatically 2 minutes after last user action or press the "  " button for 3 seconds.
Operating Temperature	50 - 104°F (10 - 40°C)
Operating Relative Humidity	10 - 90%

Specifications

Hematocrit	30 - 60%
Power Supply	1 CR2032 battery
Meter Battery Life	About 1000 tests
Meter Dimensions	98 mm x 46 mm x 17.5 mm
Meter Weight	53.0 ± 5g with battery
Monitor	LCD
Display Area	32 mm x 53 mm
Meter Storage Conditions	14 - 140°F (-10 - 60°C)
Test Strip Storage Conditions	39 - 86°F (4 - 30°C), < 90% relative humidity

Warranty

Bionime Corporation warrants that this product will be free from defects in materials and workmanship for five years from the date of purchase.

This warranty does not apply to the performance of a GE100 Blood Glucose Meter that has been altered, misused, tampered with or abused in any way.

This warranty applies only to the original purchaser of the GE100 Blood Glucose Meter.

Please complete and return the enclosed warranty card.

Different models have different specifications. This warranty applies only to the GE100 Blood Glucose Monitoring System; other models are not covered with this warranty card.

Customer Service

Please review all the instructions to make sure you are performing the steps correctly. If you have any questions or concerns, please contact us toll free at 1-866-613-7085 (Monday through Friday 8:00 AM to 5:00 PM PST) or visit our web site: [www.gediabetes.com](http://www.gediabetes.com). We will make every effort to provide assistance and solutions for you.

Expected glucose values without diabetes

Expected glucose values without diabetes <sup>(1)</sup>

	Range (mg/dL)
Fasting	70 – 99

References  
1) Diabetes Information - American Association for Clinical Chemistry (AACC) [ Electronic Version ]  
Retrieved June 15, 2010 from [www.labtestsonline.org/understanding/analytes/glucose/test.html](http://www.labtestsonline.org/understanding/analytes/glucose/test.html)

Essential Components List

Log Book

GE100 Blood Glucose Meter, Test Strip and Control Solution  
Manufacturer: Bionime Corporation  
Product complies with In Vitro Diagnostic Medical Device Directive 98/79/EC ( CE0197 )

GE100 Lancing Device  
Manufacturer: Bionime Corporation  
Product complies with Medical Device Directive 93/42/EC

Disposable Sterile Lancets  
Manufacturer: SteriLance Medical (Suzhou) Inc.  
Product complies with Medical Device Directive 93/42/EEC ( CE0197 )

Name: .....

Address: .....

Home Phone: ..... Work Phone .....

Doctor: ..... Doctor's Phone .....

Pharmacy: ..... Pharmacy Phone .....

Insulin/Pills: ..... Log book date From: ..... To: .....

In case of emergency contact: .....

.....

.....

Log Book

	DATE	M	T	W	T	F	S	S
Breakfast	Blood Glucose							
	Insulin/ Medication							
Lunch	Blood Glucose							
	Insulin/ Medication							
Dinner	Blood Glucose							
	Insulin/ Medication							
Bedtime	Blood Glucose							
	Insulin/ Medication							
Other	Blood Glucose							
	Insulin/ Medication							
Comments								

Log Book

	DATE	M	T	W	T	F	S	S
Breakfast	Blood Glucose							
	Insulin/ Medication							
Lunch	Blood Glucose							
	Insulin/ Medication							
Dinner	Blood Glucose							
	Insulin/ Medication							
Bedtime	Blood Glucose							
	Insulin/ Medication							
Other	Blood Glucose							
	Insulin/ Medication							
Comments								

Log Book

	DATE	M	T	W	T	F	S	S
Breakfast	Blood Glucose							
	Insulin/ Medication							
Lunch	Blood Glucose							
	Insulin/ Medication							
Dinner	Blood Glucose							
	Insulin/ Medication							
Bedtime	Blood Glucose							
	Insulin/ Medication							
Other	Blood Glucose							
	Insulin/ Medication							
Comments								

Log Book

	DATE	M	T	W	T	F	S	S
Breakfast	Blood Glucose							
	Insulin/ Medication							
Lunch	Blood Glucose							
	Insulin/ Medication							
Dinner	Blood Glucose							
	Insulin/ Medication							
Bedtime	Blood Glucose							
	Insulin/ Medication							
Other	Blood Glucose							
	Insulin/ Medication							
Comments								

Log Book

	DATE	M	T	W	T	F	S	S
Breakfast	Blood Glucose							
	Insulin/ Medication							
Lunch	Blood Glucose							
	Insulin/ Medication							
Dinner	Blood Glucose							
	Insulin/ Medication							
Bedtime	Blood Glucose							
	Insulin/ Medication							
Other	Blood Glucose							
	Insulin/ Medication							
Comments								

Log Book

	DATE	M	T	W	T	F	S	S
Breakfast	Blood Glucose							
	Insulin/ Medication							
Lunch	Blood Glucose							
	Insulin/ Medication							
Dinner	Blood Glucose							
	Insulin/ Medication							
Bedtime	Blood Glucose							
	Insulin/ Medication							
Other	Blood Glucose							
	Insulin/ Medication							
Comments								

Log Book

	DATE	M	T	W	T	F	S	S
Breakfast	Blood Glucose							
	Insulin/ Medication							
Lunch	Blood Glucose							
	Insulin/ Medication							
Dinner	Blood Glucose							
	Insulin/ Medication							
Bedtime	Blood Glucose							
	Insulin/ Medication							
Other	Blood Glucose							
	Insulin/ Medication							
Comments								

Log Book

	DATE	M	T	W	T	F	S	S
Breakfast	Blood Glucose							
	Insulin/ Medication							
Lunch	Blood Glucose							
	Insulin/ Medication							
Dinner	Blood Glucose							
	Insulin/ Medication							
Bedtime	Blood Glucose							
	Insulin/ Medication							
Other	Blood Glucose							
	Insulin/ Medication							
Comments								

Log Book

	DATE	M	T	W	T	F	S	S
Breakfast	Blood Glucose							
	Insulin/ Medication							
Lunch	Blood Glucose							
	Insulin/ Medication							
Dinner	Blood Glucose							
	Insulin/ Medication							
Bedtime	Blood Glucose							
	Insulin/ Medication							
Other	Blood Glucose							
	Insulin/ Medication							
Comments								

Log Book

	DATE	M	T	W	T	F	S	S
Breakfast	Blood Glucose							
	Insulin/ Medication							
Lunch	Blood Glucose							
	Insulin/ Medication							
Dinner	Blood Glucose							
	Insulin/ Medication							
Bedtime	Blood Glucose							
	Insulin/ Medication							
Other	Blood Glucose							
	Insulin/ Medication							
Comments								

Log Book

	DATE	M	T	W	T	F	S	S
Breakfast	Blood Glucose							
	Insulin/ Medication							
Lunch	Blood Glucose							
	Insulin/ Medication							
Dinner	Blood Glucose							
	Insulin/ Medication							
Bedtime	Blood Glucose							
	Insulin/ Medication							
Other	Blood Glucose							
	Insulin/ Medication							
Comments								

Log Book

	DATE	M	T	W	T	F	S	S
Breakfast	Blood Glucose							
	Insulin/ Medication							
Lunch	Blood Glucose							
	Insulin/ Medication							
Dinner	Blood Glucose							
	Insulin/ Medication							
Bedtime	Blood Glucose							
	Insulin/ Medication							
Other	Blood Glucose							
	Insulin/ Medication							
Comments								

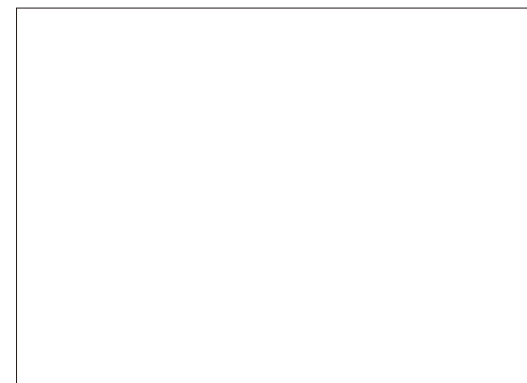
## Warranty Card

PLACE

STAMP

HERE

Distributor name and address



Warranty Card

Name	Tel	Distributor name and address
Address		
Serial No	Model	
Date of purchase		

(Please present this card for product replacement)

- Limited warranty:
- 1. Warrants the original purchaser only, that the GE100 Blood Glucose Meter shall be free of any defects in materials or workmanship and, provided it is not modified, altered or misused, will perform in accordance with specifications for a period of five (5) years from the original date of purchase.
  - 2. Guarantees the performance of the GE100 Blood Glucose Meter only if used as directed and provided that the failure to perform has not been caused in whole or in part by the use of test strips that are not GE100 Test Strips. Use only GE100 Blood Glucose Test Strips in your GE100 Blood Glucose Meter.
  - 3. The sole obligation of this warranty shall be to replace any defective GE100 Blood Glucose Meter. No other warranties, express or implied, are made. Not responsible for any incidental or consequential damages.
  - 4. You must contact your distributor for assistance and/or instructions for obtaining a replacement GE100 Blood Glucose Meter.

Emergency Card

EMERGENCY CARD

GE100 Blood Glucose Monitoring System

• User Name:

•Emergency Contact Phone No.:

• Blood Type:

• Doctor/Hospital:

I am a diabetes patient. If you find me in a coma or stupor, please contact nearest emergency services immediately. Or call:

\* Please fill out this card and carry with you at all times.